

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancelled)
2. (Currently Amended) The ~~imaging index file document processing system~~ of claim [[1]] 49, wherein the document-type definition file includes a plurality of elements delineating parameters of the document processor.
3. (Currently Amended) The ~~imaging index file document processing system~~ of claim 2, wherein the document-type definition file further includes a plurality of attributes associated with selected ones of the plurality of elements, the association being set forth in an attribute declaration list.
4. (Currently Amended) The ~~imaging index file document processing system~~ of claim 3, wherein selected attributes include a choice subgroup, the choice subgroup having at least two values.
5. (Currently Amended) The ~~imaging index file document processing system~~ of claim 4, wherein the plurality of elements include optional user-defined elements when a predetermined one of the attribute choice subgroup values is selected.
6. (Currently Amended) The ~~imaging index file document processing system~~ of claim 5, wherein the document is a check.
7. (Currently Amended) The ~~imaging index file document processing system~~ of claim 6, wherein the user-defined elements include a check account number element.

8. (Currently Amended) The ~~imaging index file document processing system~~ of claim 6, wherein the user-defined elements include an element delineating that the document is a check.

9. (Currently Amended) The ~~imaging index file document processing system~~ of claim 6, wherein the user-defined elements include a check amount element.

10. (Currently Amended) The ~~imaging index file document processing system~~ of claim 6, wherein the user-defined elements include a check account number element.

11. (Currently Amended) The ~~imaging index file document processing system~~ of claim 6, wherein the user-defined elements include a check [[0]]routing and transit number element.

12. (Currently Amended) The ~~imaging index file document processing system~~ of claim 6, wherein the user-defined elements include a check sequence number element.

13. (Currently Amended) The ~~imaging index file document processing system~~ of claim 6, wherein the user-defined elements include a transaction number element.

14. (Currently Amended) The ~~imaging index file document processing system~~ of claim 6, wherein the user-defined elements include a transcode element.

15. (Currently Amended) The ~~imaging index file document processing system~~ of claim 5, wherein the document is a stub.

16. (Currently Amended) The ~~imaging index file document processing system~~ of claim 15, wherein the ~~wherein~~ the user-defined elements include an account number element.

17. (Currently Amended) The ~~imaging index file document processing system~~ of claim 15, wherein the ~~wherein the~~ user-defined elements include an amount element.

18. (Currently Amended) The ~~imaging index file document processing system~~ of claim 15, wherein the ~~wherein the~~ user-defined elements include a date element.

19. (Currently Amended) The ~~imaging index file document processing system~~ of claim 15, wherein the ~~wherein the~~ user-defined elements include an element delineating that the document is a remittance.

20. (Currently Amended) The ~~imaging index file document processing system~~ of claim 15, wherein the ~~wherein the~~ user-defined elements include a transcode element.

21. (Currently Amended) The ~~imaging index file document processing system~~ of claim 15, wherein the ~~wherein the~~ user-defined elements include a transaction number element.

22. (Currently Amended) The ~~imaging index file document processing system~~ of claim 5, wherein the plurality of user-defined elements includes parsed character data.

23. (Currently Amended) The ~~imaging index file document processing system~~ of claim 5, wherein the plurality of user-defined elements includes unparsed character data.

24. (Currently Amended) The ~~imaging index file document processing system~~ of claim 5, wherein the ~~imaging subsystem application includes further comprising a~~ parser for interpreting the image data according to the document-type definition file.

25. (Currently Amended) The imaging index structure document processing system of claim 1, wherein the document processor is capable of being connected to other document processors via a network.

26. (Currently Amended) A file for indexing data captured by an imaging subsystem of a document processing system from at least one document, the index file comprising A document processing system, including an imaging subsystem, having at least one computer running software that interfaces with transport hardware to provide document control and capture document images and document data in various formats, wherein an image file stores a plurality of captured document images for subsequent retrieval on an individual basis, the system including a computer readable storage medium storing the system software, the system software on the medium further comprising:

instructions for indexing the image file by creating an index file containing indexing data for the captured document images;

a document type definition file having a plurality of element declarations and attribute declarations, wherein the plurality of element declarations includes first elements related to selected parameters of the document processing system and second elements related to selected parameters of each at least one document that is processed, and wherein the attribute declarations include attributes that describe detailed information about selected ones of the elements, the index file being associated with the image data in an imaging file in the imaging subsystem.; and

wherein the index file is in the form of a self-describing document in accordance with the document-type definition file, the self-describing document including indexing data for the captured document images to allow subsequent retrieval of the captured document images on an individual basis.

27. (Currently Amended) The index file document processing system of claim 26, wherein selected first elements include first child elements and selected second elements include second child elements.

28. (Currently Amended) The ~~index file~~ document processing system of claim 27, wherein the first child elements are elements defining the attributes and data that are common to subsequent elements.

29. (Currently Amended) The ~~index file~~ document processing system of claim 27, wherein the first child elements are elements related to the imaging subsystem.

30. (Currently Amended) The ~~index file~~ document processing system of claim 29, wherein the imaging subsystem includes image storage means, and a first child element is an element defining the identity of the image storage means.

31. (Currently Amended) The ~~index file~~ document processing system of claim 29, wherein the imaging subsystem includes a camera, and wherein [[the]] a first child element has at least one attribute, the attribute being the identity of the camera.

32. (Currently Amended) The ~~index file~~ document processing system of claim 29, wherein the imaging subsystem includes a camera, and wherein [[the]] a first child element has at least one attribute, the attribute being the identity of the image file associated with the camera.

33. (Currently Amended) The ~~index file~~ document processing system of claim 29, wherein the document processing system includes an image capture server, and [[the]] a first child element is an element defining the identity of the image capture server.

34. (Currently Amended) The ~~index file~~ document processing system of claim 33, wherein the element defining the identity of the image capture server has at least one attribute, the attribute having a value identifying the document processing system.

35. (Currently Amended) The ~~index file~~ document processing system of claim 34, wherein the value identifying the document processing system is selected from the

group consisting of a name of the image capture server and a serial number associated with the document processing system.

36. (Currently Amended) The ~~index file document processing system~~ of claim 27, wherein the second child elements include a plurality of attributes defining the at least one document in relation to the imaging subsystem.

37. (Currently Amended) The ~~index file document processing system~~ of claim 36, wherein the imaging subsystem includes image storage means, wherein one attribute includes information related to the time it took to store image data of the at least one document in the image storage means.

38. (Currently Amended) The ~~index file document processing system~~ of claim 36, wherein the imaging subsystem includes a camera, and one attribute includes information about the skew angle of each at least one document in relation to the camera.

39. (Currently Amended) The ~~index file document processing system~~ of claim 27, wherein the second child elements include parsed character data defining what image character recognition parameters are to be used with the image data of the at least one document.

40. (Currently Amended) The ~~index file document processing system~~ of claim 39, wherein selected image data of the at least one document are captured as a clipped portion of a JPEG image, wherein the image file includes a sub-folder that sets out the coordinates to use when capturing the clipped portion of the JPEG image, and wherein the image character recognition parameters are located in the image file sub-folder.

41. (Currently Amended) The ~~index file document processing system~~ of claim 27, wherein the second child elements include a plurality of attributes defining image information of each of the at least one document processed by the document processing system.

42. (Currently Amended) The ~~index file~~ document processing system of claim 41, wherein one attribute includes a document identification number.

43. (Currently Amended) The ~~index file~~ document processing system of claim 41, wherein one attribute includes image character recognition type.

44. (Currently Amended) The ~~index file~~ document processing system of claim 41, wherein the plurality of image information attributes includes information relating to the dimensions of the image.

45. (Currently Amended) The ~~index file~~ document processing system of claim 41, wherein the image information attributes include information relating to the resolution of the image.

46. (Currently Amended) The ~~index file~~ document processing system of claim 41, wherein the image information attributes include information relating to the compression of the image.

47. (Currently Amended) The ~~index file~~ document processing system of claim 41, wherein the image information attributes include information relating to the threshold value for the image.

48. (Currently Amended) The ~~index file~~ document processing system of claim 26, wherein the document processor is capable of being connected to other document processors via a network.

49. (New) A document processing system having at least one computer running software that interfaces with transport hardware to provide document control and capture document images and document data in various formats, wherein an image file stores a plurality of captured document images for subsequent retrieval on an individual basis, the

system including a computer readable storage medium storing the system software, the system software on the medium further comprising:

instructions for indexing the image file by creating an index file containing indexing data for the captured document images;

a document-type definition file including a plurality of elements; and

wherein the index file is in the form of a self-describing document in accordance with the document-type definition file, the self-describing document including indexing data for the captured document images to allow subsequent retrieval of the captured document images on an individual basis.